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## Abstract

Revisions to the Fundamental Science Practices (FSP) in response to recent directives issued by the Office of Science and Technology Policy (OSTP) and Office of Management and Budget (OMB) require Principal Investigators (PI) to make the data resulting from their research publicly available. Absence of an established and proven workflow for assessing data quality, preparation of metadata, and selection of approved repositories has posed a challenge to PIs and USGS Science Centers alike.

The Alaska Science Center (ASC) has prototyped a data release workflow which has now been applied successfully to five separate data release projects with more currently in the pipeline. Being a new workflow, each project has informed the overall process by encompassing new requirements and identifying opportunities for increased efficiency. The workflow is a 'process flow diagram' documented in 'swim-lane' format for easy comprehension of the responsibilities belonging to each of twelve identified roles. We have found this diagram an effective means of communicating the activities of data release to all parties and have plans to automate tracking of data products in the workflow in the near future.